



Patent  
Attorney's Docket No. 001560-344

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
Kenichi HIGASHIYAMA et al.	)	Group Art Unit: Unassigned
Application No.: 09/254,152	)	Examiner: Unassigned
Filed: February 26, 1999	)	
For: PROCESS FOR PRODUCING	)	
UNSATURATED FATTY ACID-	)	
CONTAINING OILS	)	

**INFORMATION DISCLOSURE STATEMENT**  
**TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$240.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), a petition requesting consideration of the information disclosure statement, and the petition fee of \$130.00 (122) as set forth in 37 C.F.R. § 1.17(i) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

**DOCKETED**  
filed 2/8/00

LOR  
LF

(09/99)

Information Disclosure Statement Transmittal Letter

Application No. 09/254,152


Attorney's Docket No. 001560-344

Page 2

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

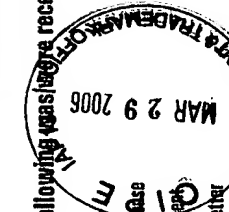
By:   
Dawn M. Gardner  
Registration No. 44,118

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: February 8, 2000

Inventor: Kenichi HIGASHIYAMA et al. Appl. No. 09/254,152 Filing Date: February 26, 1999 14  
 Docket No.: 001560-344 Work Atty: DMG/jamv Date: February 8, 2000

The following 4345/100 received in the U.S. Patent and Trademark Office on the date stamped hereon:



- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Amendment or Response   | <input type="checkbox"/> Transmittal Letter for Missing Parts of Application                        | <input type="checkbox"/> Check for \$ _____ is enclosed   |
| <input type="checkbox"/> Preliminary Amendment   | <input type="checkbox"/> Executed Declaration/Power of Attorney                                     | <input type="checkbox"/> Check for \$ _____ is enclosed   |
| <input type="checkbox"/> Reply Transmittal Letter  | <input type="checkbox"/> Small Entity Declaration   | <input type="checkbox"/> Change \$ _____ to Deposit Account                                     |
| <input type="checkbox"/> Petition for _____ Month Extension of Time                                    | <input type="checkbox"/> Assignment/Assignment Reproduction Form Cover Sheet (PTO-1595)             | <input type="checkbox"/> Issue Fee Transmittal  |
| <input type="checkbox"/> Submission of Formal Drawings w/ _____ sheet(s) of drawings (Figs. 1- _____)  | <input type="checkbox"/> Claim for Convention Priority w/ _____ certified copy(ies)                 | <input type="checkbox"/> Payment of Issue Fee and Authorization to charge Deposit Account       |
| <input type="checkbox"/> Request for Approval of Drawing Changes w/ _____ sheet(s) of red ink drawings | <input checked="" type="checkbox"/> Information Disclosure Statement w/ 2 _____ document(s)         | <input type="checkbox"/> Request for Refund   |
| <input type="checkbox"/> Notice of Appeal  | <input checked="" type="checkbox"/> Information Disclosure Citation (PTO-1445)                      | <input type="checkbox"/> Status Inquiry   |
| <input type="checkbox"/> Brief for Appellant   | <input checked="" type="checkbox"/> Information Disclosure Statement Transmittal Letter             | <input type="checkbox"/> Request for Corrected Filing Receipt w/copy of official Filing Receipt |
| <input type="checkbox"/> Request for Oral Hearing  | <input type="checkbox"/> Request for Corrected Notice of Recordation of Assignment w/copy of Notice | <input checked="" type="checkbox"/> Copy of Supplemental European Search Report                 |
| <input type="checkbox"/> Reply Brief   |   |   |
| <input type="checkbox"/> Response to Restriction Requirement or Election of Species                    |   |   |
| <input type="checkbox"/> Terminal Disclaimer   |   |   |
| <input type="checkbox"/> Certificate Under 37 C.F.R. § 3.73(b)   |   |   |





Patent  
Attorney's Docket No. 001560-344

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Kenichi HIGASHIYAMA et al.	)	Group Art Unit: 1617
	)	
Application No.: 09/254,152	)	Examiner: S. Wang
	)	
Filed: February 26, 1999	)	
	)	
For: PROCESS FOR PRODUCING	)	
UNSATURATED FATTY ACID-	)	
CONTAINING OILS	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

International Publication No. WO 96/21037 - Published July 11, 1996

I, the undersigned, hereby certify that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

Applicants hereby request that the accompanying Information Disclosure Statement be considered and made of record in the application identified in caption. A certification and IDS fee set forth in 37 C.F.R. § 1.17(p) in the amount of \$180.00 (126) are being submitted to comply with the provisions of 37 C.F.R. § 1.97(d).



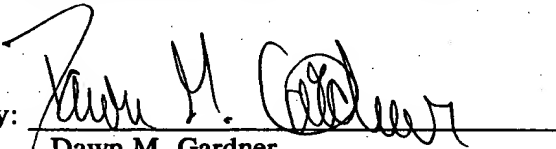
Information Disclosure Statement  
Application No. 09/254,152  
Attorney's Docket No. 001560-344  
Page 2

To assist the Examiner, the document is listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:

  
Dawn M. Gardner  
Registration No. 44,118

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: January 8, 2001



Patent  
Attorney's Docket No. 001560-344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Kenichi HIGASHIYAMA et al.

Application No.: 09/254,152

Filed: February 26, 1999

For: PROCESS FOR PRODUCING  
UNSATURATED FATTY ACID-  
CONTAINING OILS

Group Art Unit: 1617

Examiner: S. Wang

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:


Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☐ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☒ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☒ A check in the amount of \$ 180.00 is enclosed for the fee due.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:   
Dawn M. Gardner  
Registration No. 44,118

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: January 8, 2001

**DOCKETED**

filed 1/8/01  
T3

# INFORMATION DISCLOSURE CITATION

PTO-1449

MAR 29 2006

 ATTORNEY'S DKT NO.  
001560-344

 APPLICATION NO.  
09/254,152

 APPLICANT  
Kenichi HIGASHIYAMA et al.

 FILING DATE  
February 26, 1999

 GROUP  
1617

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No
	WO96/21037	07/11/96	WIPO				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

CLOSURE LAP 13  
MAR 29 2006  
RECEIVED

MAR 29 2006

APPLICATION NO.  
09/254,152

**FILING DATE**  
**February 26, 1999**

**GROUP**

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

DATE CONSIDERED

{09/99}



Inventor: Kenichi HIGASHIYAMA et al. Filing Date: February 26, 1999<sup>20</sup>

Appl. No. 09/254,152

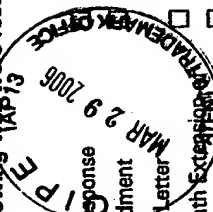
Date: January 8, 2001

Work Atty: Dawn M. Gardner

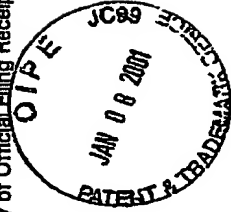
Docket No.: 001560-344



The following ~~were~~ were received in the U.S. Patent and Trademark Office on the date stamped hereon:

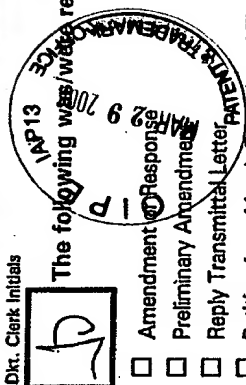


- |  |   |   |
|--|---|---|
| <input type="checkbox"/> Amendment or Response   | <input checked="" type="checkbox"/> Certificate Under 37 C.F.R. § 3.73(b)                           | <input checked="" type="checkbox"/> Check for \$ 180.00 is enclosed                             |
| <input type="checkbox"/> Preliminary Amendment   | <input type="checkbox"/> Transmittal Letter for Missing Parts of Application                        | <input type="checkbox"/> Check for \$ ___ is enclosed   |
| <input type="checkbox"/> Reply Transmittal Letter  | <input type="checkbox"/> Executed Declaration/Power of Attorney                                     | <input type="checkbox"/> Charge \$ ___ to Deposit Account                                       |
| <input type="checkbox"/> Petition for _ Month Extension  | <input type="checkbox"/> Assignment/Assignment Recordation Form                                     | <input type="checkbox"/> Issue Fee Transmittal  |
| <input type="checkbox"/> Submission of Formal Drawings w/ _ sheet(s) of drawings (Fig(s). 1- _)    | <input type="checkbox"/> Cover Sheet (PTO-1595)   | <input type="checkbox"/> Payment of Issue Fee and Authorization to charge Deposit Account       |
| <input type="checkbox"/> Request for Approval of Drawing Changes w/ _ sheet(s) of red ink drawings | <input type="checkbox"/> Claim for Convention Priority w/ _ certified copy(s)                       | <input type="checkbox"/> Request for Refund   |
| <input type="checkbox"/> Notice of Appeal  | <input checked="" type="checkbox"/> Information Disclosure Statement w/ ONE document(s)             | <input type="checkbox"/> Status Inquiry   |
| <input type="checkbox"/> Brief for Appellant   | <input checked="" type="checkbox"/> Information Disclosure Citation (PTO-1449)                      | <input type="checkbox"/> Request for Corrected Filing Receipt w/copy of Official Filing Receipt |
| <input type="checkbox"/> Request for Oral Hearing  | <input checked="" type="checkbox"/> Information Disclosure Statement Transmittal Letter             |   |
| <input type="checkbox"/> Reply Brief   | <input type="checkbox"/> Request for Corrected Notice of Recordation of Assignment w/copy of Notice |   |
| <input type="checkbox"/> Response to Restriction Requirement or Election of Species                | <input type="checkbox"/> Request for Continued Examination  |   |
| <input type="checkbox"/> Terminal Disclaimer   |   |   |



58 (10/00)

Inventor: HIGASHIYAMA et al. Appl. No. 09/254,152 Filing Date: February 26, 1999  
 Docket No.: 001560-344 Work Atty: DMG/jamvn Date: March 29, 2002  
 Dkt. Clerk Initials



The following was/were received in the U.S. Patent and Trademark Office on the date stamped hereon:

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Response                     | <input type="checkbox"/> Certificate Under 37 C.F.R. § 3.73(b)                                      | <input type="checkbox"/> Check for \$___ is enclosed  |
| <input type="checkbox"/> Preliminary Amendment  | <input type="checkbox"/> Transmittal Letter for Missing Parts of Application                        | <input type="checkbox"/> Check for \$___ is enclosed  |
| <input type="checkbox"/> Reply Transmittal Letter   | <input type="checkbox"/> Executed Declaration/Power of Attorney                                     | <input type="checkbox"/> Charge \$___ to Deposit Account  |
| <input type="checkbox"/> Petition for ___ Month Extension of Time                                   | <input type="checkbox"/> Assignment/Assignment Recordation Form Cover Sheet (PTO-1595)              | <input type="checkbox"/> Issue Fee Transmittal  |
| <input type="checkbox"/> Submission of Formal Drawings w/___ sheet(s) of drawings (Fig(s). 1-___)   | <input type="checkbox"/> Claim for Convention Priority w/___ certified copy(s)                      | <input type="checkbox"/> Payment of Issue Fee and Authorization to charge Deposit Account       |
| <input type="checkbox"/> Request for Approval of Drawing Changes w/___ sheet(s) of red ink drawings | <input checked="" type="checkbox"/> Information Disclosure Statement w/___ document(s)              | <input type="checkbox"/> Request for Refund   |
| <input type="checkbox"/> Notice of Appeal   | <input checked="" type="checkbox"/> Information Disclosure Citation (PTO-1449)                      | <input type="checkbox"/> Status Inquiry   |
| <input type="checkbox"/> Brief for Appellant  | <input checked="" type="checkbox"/> Information Disclosure Statement Transmittal Letter             | <input type="checkbox"/> Request for Corrected Filing Receipt w/copy of Official Filing Receipt |
| <input type="checkbox"/> Request for Oral Hearing   | <input type="checkbox"/> Request for Corrected Notice of Recordation of Assignment w/copy of Notice |   |
| <input type="checkbox"/> Reply Brief  | <input type="checkbox"/> Request for Continued Examination  |   |
| <input type="checkbox"/> Response to Restriction Requirement or Election of Species                 |   |   |
| <input type="checkbox"/> Terminal Disclaimer  |   |   |



Patent  
Attorney's Docket No. 001560-344

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

HIGASHIYAMA et al.

Application No.: 09/254,152

Filed: February 26, 1999

For: PROCESS FOR PRODUCING  
UNSATURATED FATTY ACID-  
CONTAINING OILS

Group Art Unit: 1617

Examiner: S. Wang

**INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (126) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \$\_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed for the fee due.

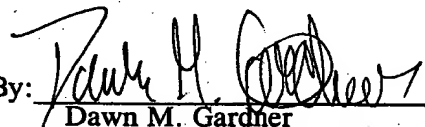
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

By:

  
Dawn M. Gardner

Registration No. 44,118

Date: March 29, 2002

3-29-02<sup>JD</sup>



Patent  
Attorney's Docket No. 001560-344

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
HIGASHIYAMA et al.	)	Group Art Unit: 1617
	)	
Application No.: 09/254,152	)	Examiner: S. Wang
	)	
Filed: February 26, 1999	)	
	)	
For: PROCESS FOR PRODUCING	)	
UNSATURATED FATTY ACID-	)	
CONTAINING OILS	)	
	)	

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

**FOREIGN PATENTS**

1. KENGO et al., Japanese Patent Publication No. 1-304892, published December 8, 1989, with attached English language Abstract.
2. SHINMEN, European Patent Application No. 0 252716, published January 13, 1988.
3. KYLE, International Publication No. WO 92/13086, published August 6, 1992.

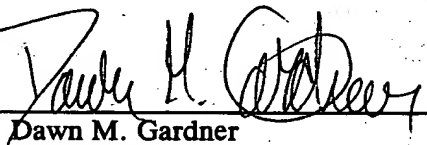
The documents are being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. § 1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

By:



Dawn M. Gardner  
Registration No. 44,118

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620

Date: March 29, 2002

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.  
09/254,152

**FILING DATE**  
February 26, 1999

**GROUP**  
**1617**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Foreign Patent Document		Country -	Date of Publication (MM-DD-YYYY)	Translation	
	Number	Kind Code (if known)			Yes	no
	1-304892	A	JP	12-08-1989	Abstract	
	0 252716	A2	EP	01-13-1998		
	92/13086	A1	WIPO	08-06-1992		

## NON-PATENT LITERATURE DOCUMENTS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
Examiner Signature		Date Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, D.C. 20231.